

Art Unit: 2833

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1: (currently amended) An electrical connector comprising:

an insulating housing;

a plurality of contact elements provided in a widthwise direction of said insulating housing;

at least one guide portion provided at a position where no said contact element is present and guiding said connector to a position for plugging with a mating electrical connector; and

a lock portion provided at a top of said guide portion, having a shape of a substantially sphere or a shape of a polyhedron having a top view of a substantially circle, and locking a plugging condition of said electrical connector into said mating electrical connector, wherein said lock portion is made of a metal by press.

Claim 2: (original) The electrical connector according to claim 1, wherein said lock portion has a cut-off for enabling said lock portion to be resiliently deformed in a radial direction thereof.

Claims 3 and 4: (canceled)

Claim 5: (original) The electrical connector according to claim 1, wherein said lock portion has an asymmetric shape.

Art Unit: 2833

Claim 6: (currently amended) An electrical connector comprising:

an insulating housing;

a plurality of contact elements provided in a widthwise direction of said insulating housing;  
at least one lock receiving portion provided at a position where no said contact element is present and made engageable with a lock portion of a mating electrical connector, which is provided at a top of said mating electrical connector and has a shape of a substantially sphere or a shape of a polyhedron having a top view of a substantially circle, wherein said lock receiving portion has an engagement section having a curved surface or made resiliently deformed to engage said lock portion, wherein said lock receiving portion is made of a wire of a resilient material.

Claim 7: (canceled)

Claim 8: (currently amended) The electrical connector according to claim [[7]] 6, wherein said wire of said lock receiving portion is made a C-shaped ring spring.

Claim 9: (original) The electrical connector according to claim 6, wherein said lock receiving portion is made of two wires of a resilient material provided in parallel to each other.

Claim 10: (original) The electrical connector according to claim 8, which further comprises fixed portions extending rearwardly from ends of said lock receiving

Art Unit: 2833

portion to fix said lock receiving portion to said lock portion of said mating electrical connector.

Claim 11: (original) The electrical connector according to claim 6, wherein said lock receiving portion is made of a plate of a resilient material.

Claim 12: (original) The electrical connector according to claim 6, which further comprises a metal shell having at least one through-hole for receiving said lock portion, wherein said through-hole has an asymmetric shape.

Claim 13: (canceled)